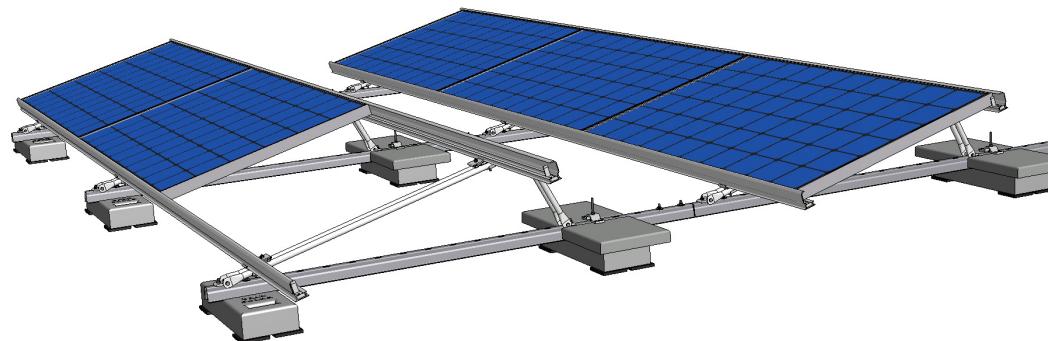


Van der Valk Solar Systems
TRACKING AND FIXED SOLAR MOUNTING SYSTEMS

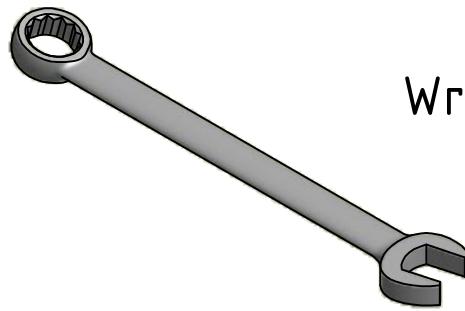
Installation manual Flat Roof Insert System

Use in combination with installation manual 1-2-3 PV Planner





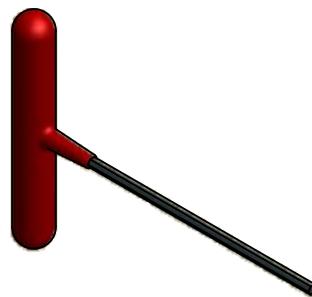
Necessary Tools For Van der Valk Flat Roof Insert System



Wrench 13



Socket 13



Hex key 3



Cordless drill
(for socket 13)

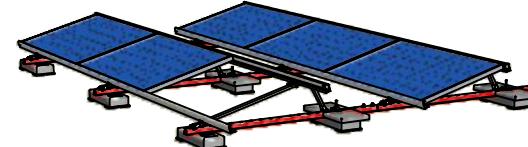
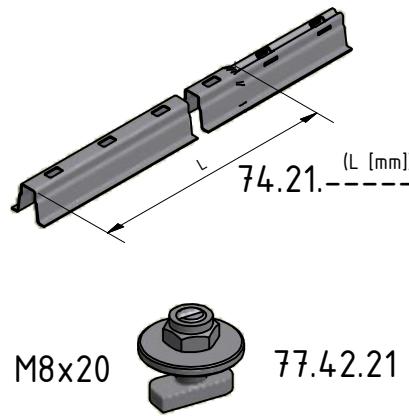
Mounting of the Roof carrier profile

VAN DER VALK

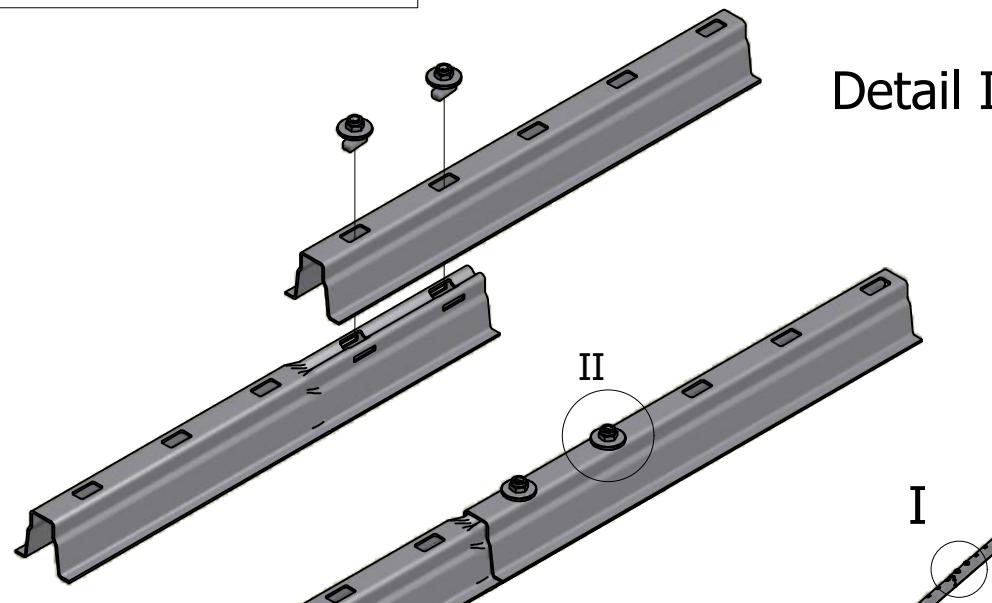


SOLAR SYSTEMS

Flat Roof Insert

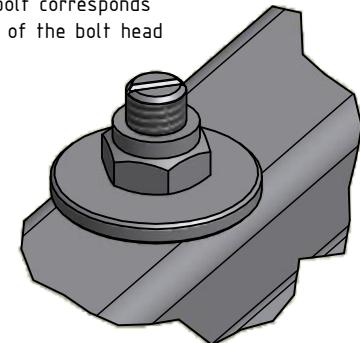


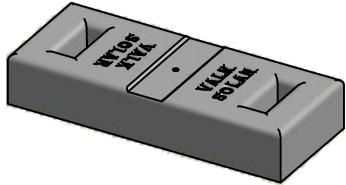
Detail II



Detail I

The groove of the bolt corresponds
with the orientation of the bolt head

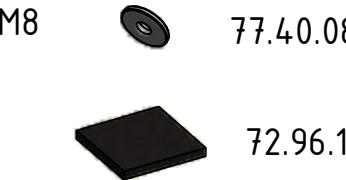




75.05.20



77.40.75



77.40.08



72.96.10

Mounting of the front Mass block



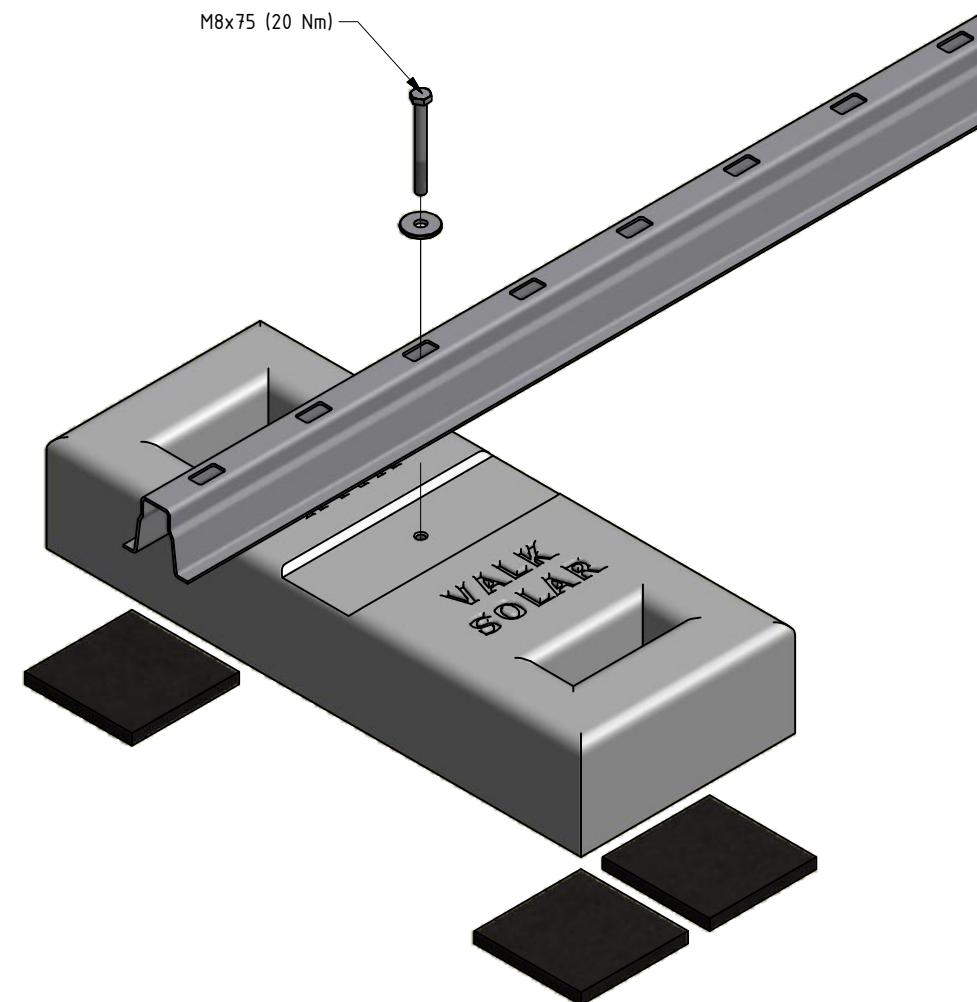
Type 1
Mass Block

VAN DER VALK



SOLAR SYSTEMS

Flat Roof Insert



3.A.1

Mounting of the Mass blocks

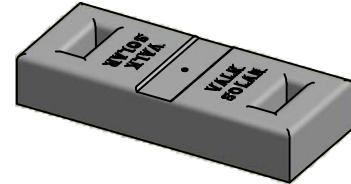
Type 1
Mass Block

VAN DER VALK

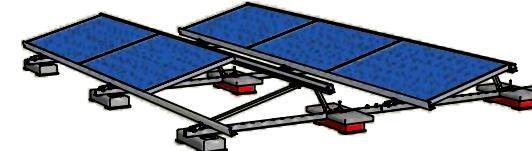


SOLAR SYSTEMS

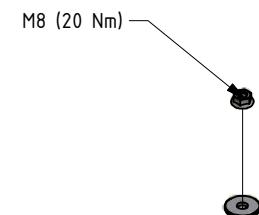
Flat Roof Insert



75.05.20



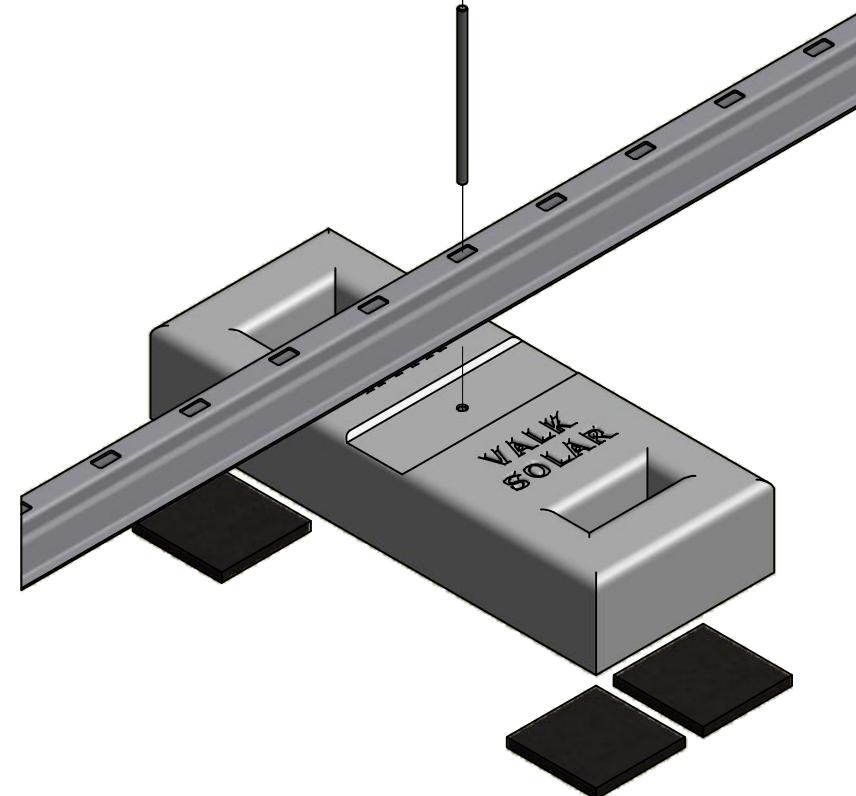
74.79.70



M8 77.40.06

M8 77.40.08

72.96.10



3.A.2



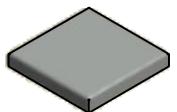
72.51.40

M8



77.40.06

Not included



tile

Mounting of the Mass blocks

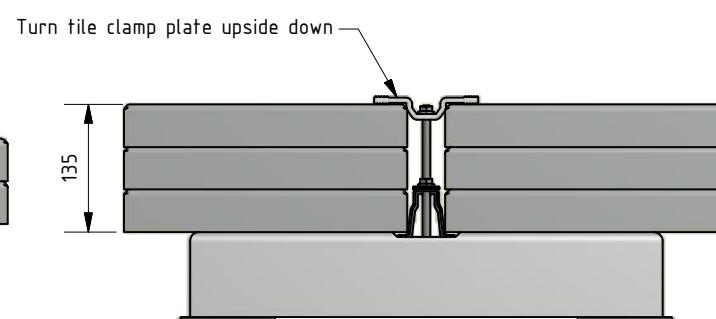
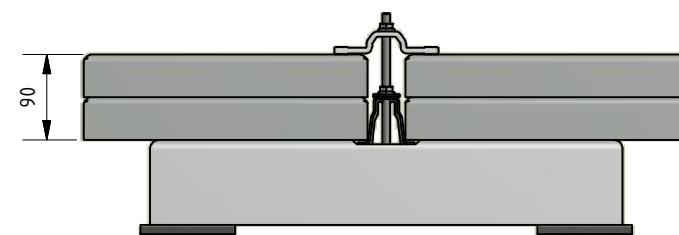
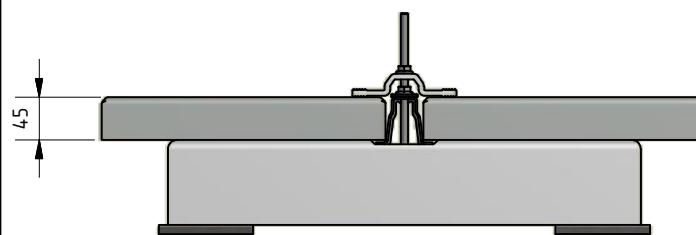
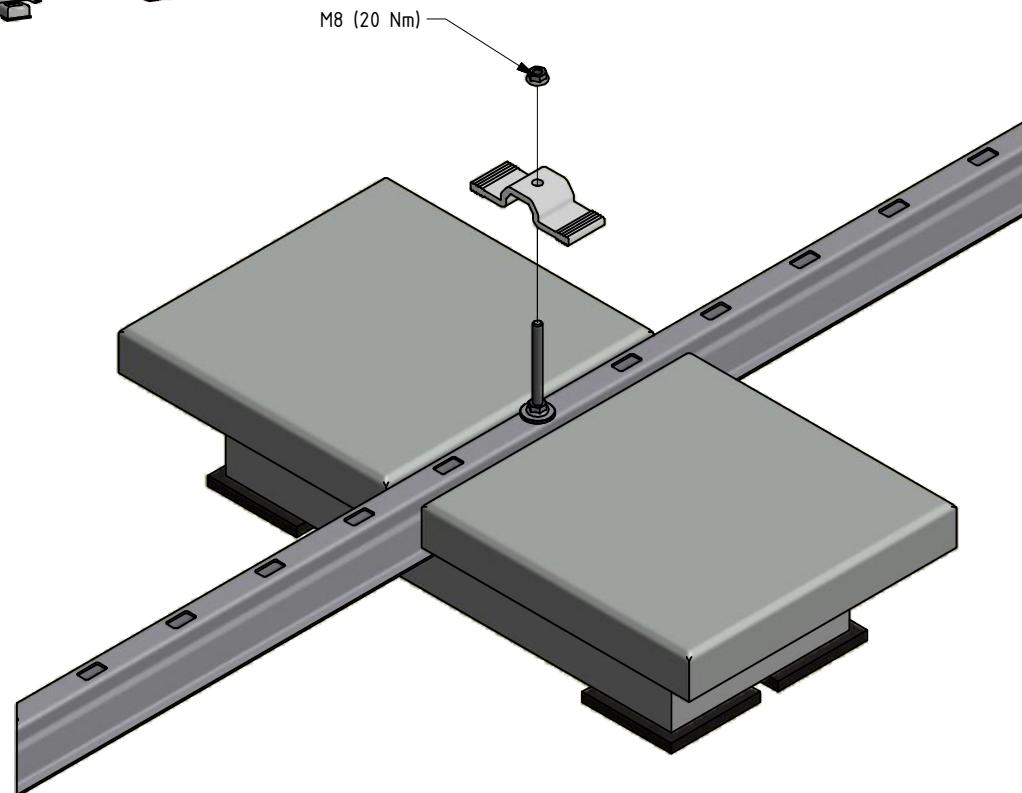
Type 1
Mass Block

VAN DER VALK



SOLAR SYSTEMS

Flat Roof Insert

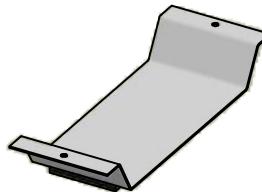


2 extra tiles

4 extra tiles

6 extra tiles

3.A.3



72.49.56



77.40.75

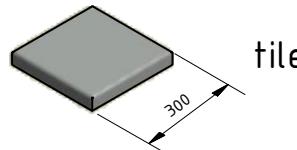


77.40.08



77.40.06

Not included



Mounting of the front Foundation plate



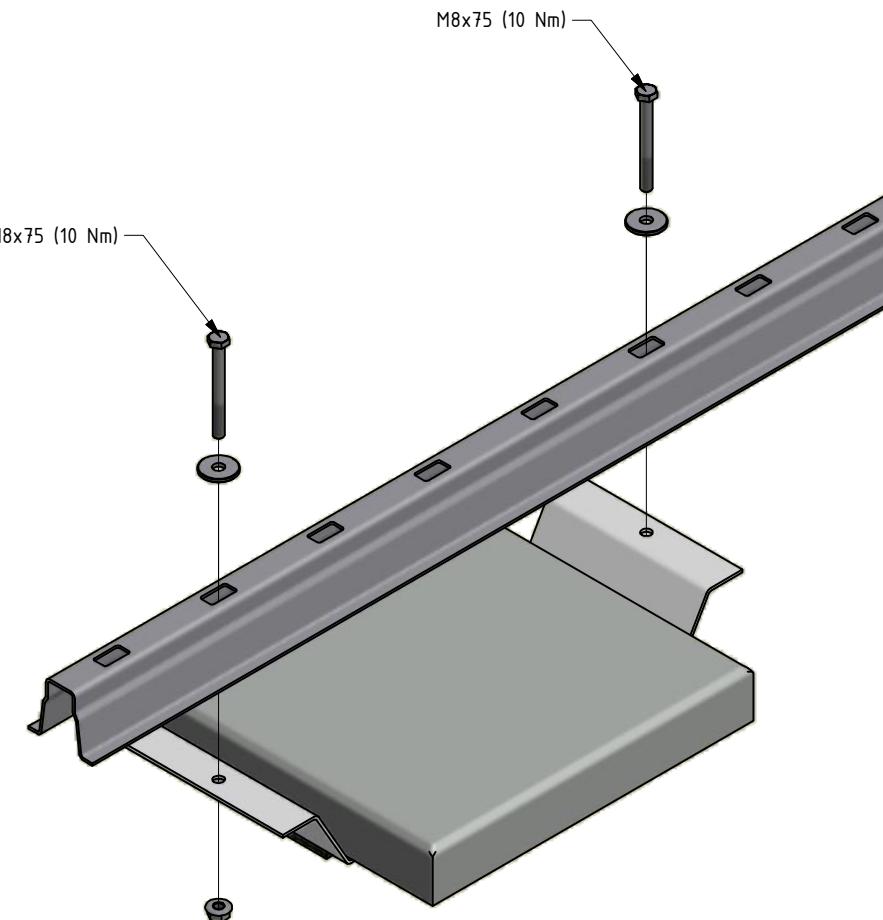
Type 2
Foundation plate

VAN DER VALK

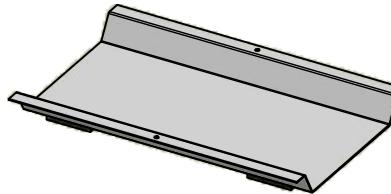


SOLAR SYSTEMS

Flat Roof Insert



3.B.1



72.49.66



77.40.75

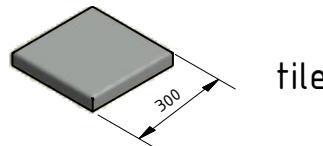


77.40.08



77.40.06

Not included



Mounting of the Foundation plate



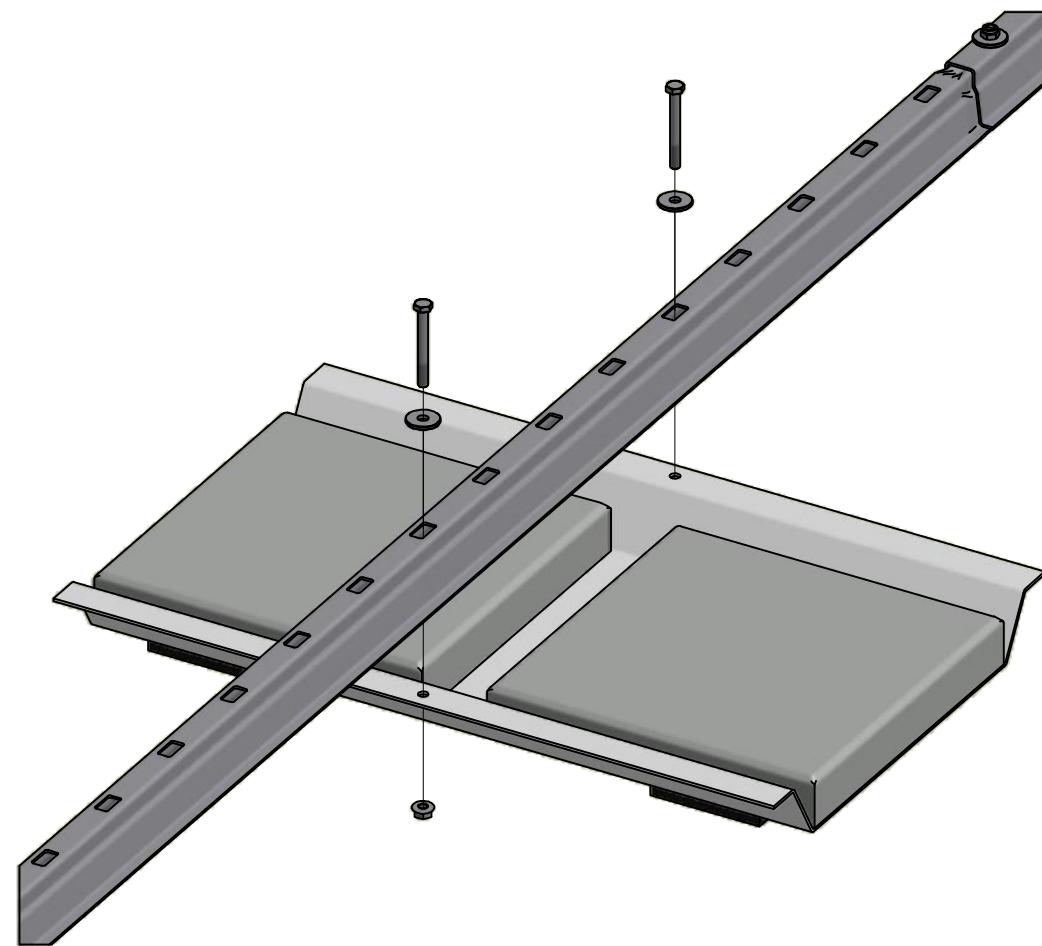
Type 2
Foundation plate

VAN DER VALK

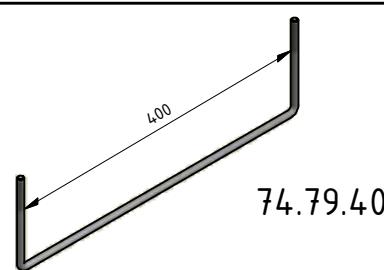
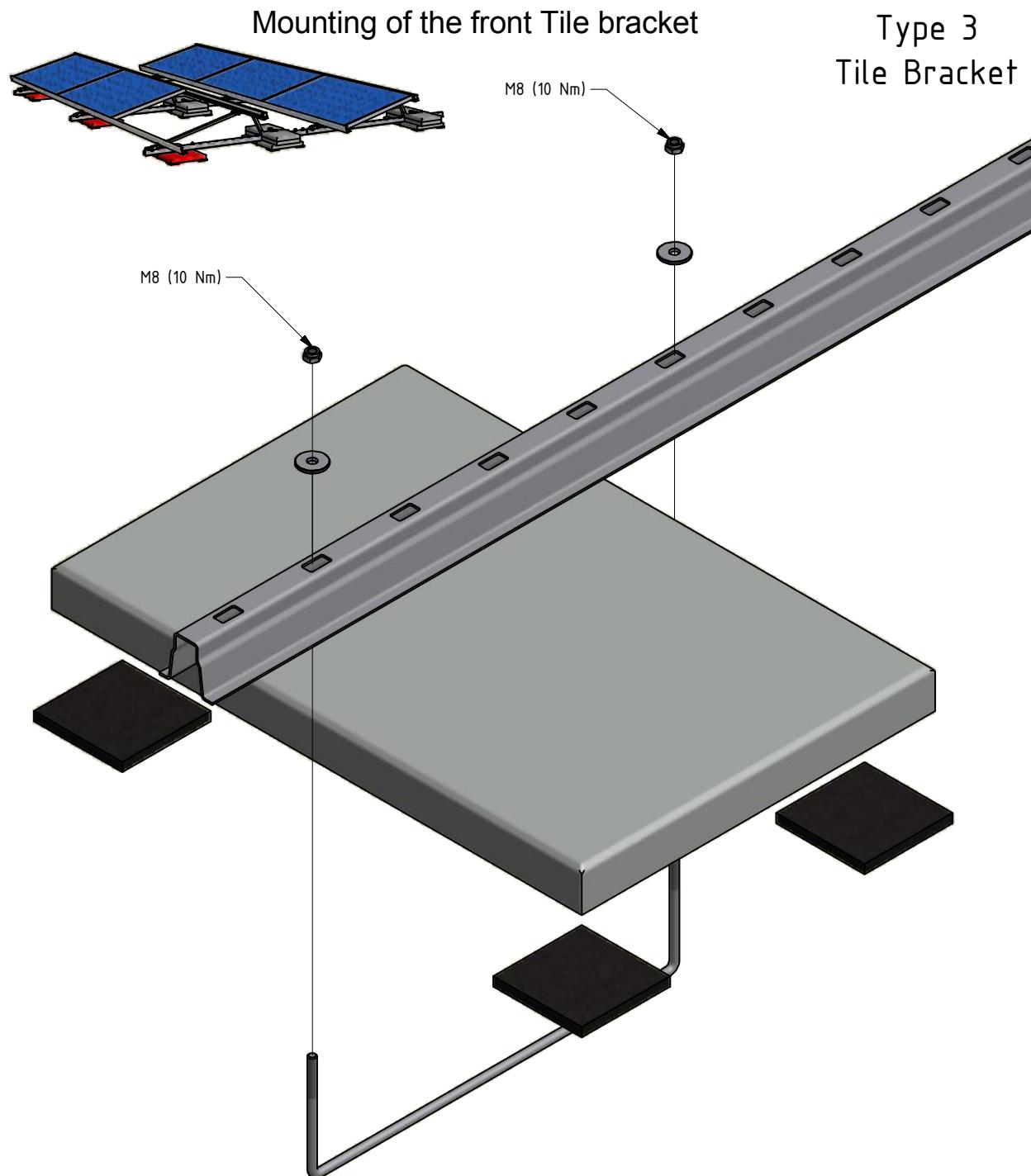


SOLAR SYSTEMS

Flat Roof Insert



3.B.2

**Type 3
Tile Bracket**

M8 77.40.05

M8 77.40.08

72.96.10

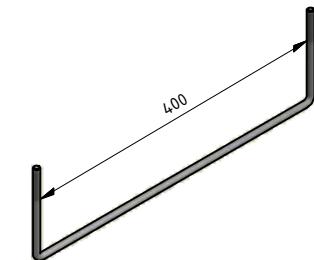
Not included





SOLAR SYSTEMS

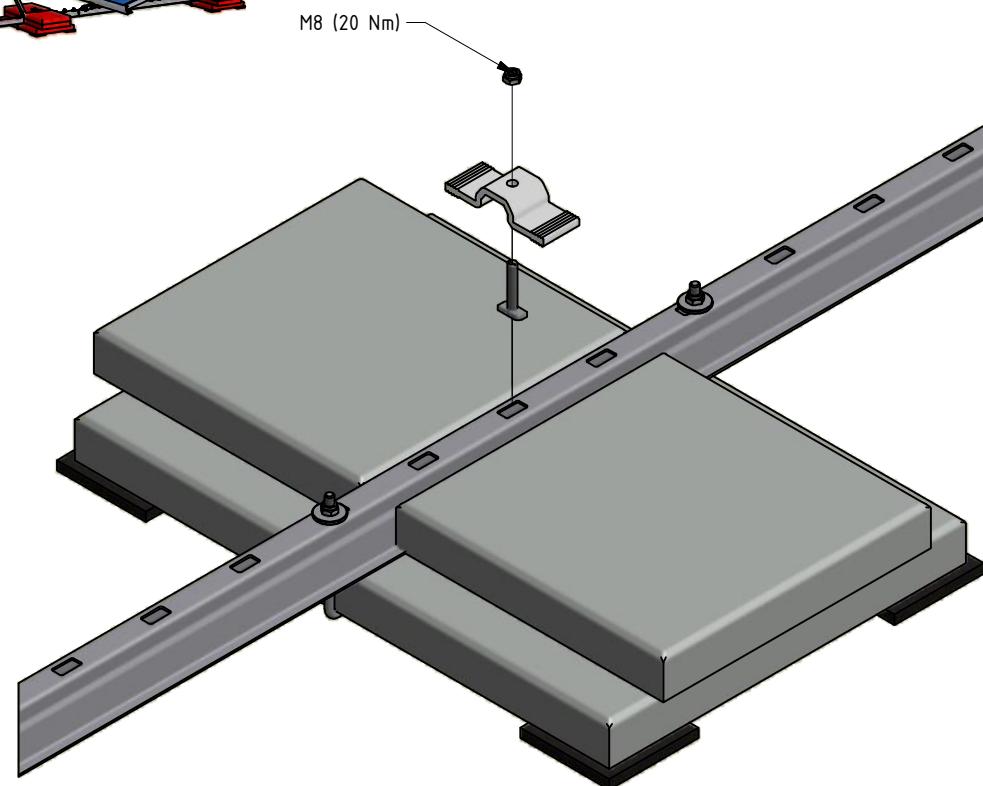
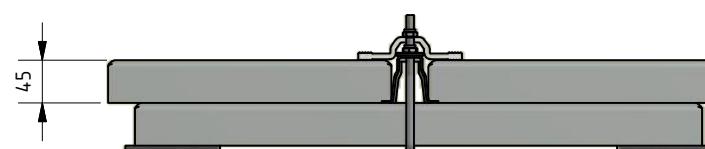
Flat Roof Insert



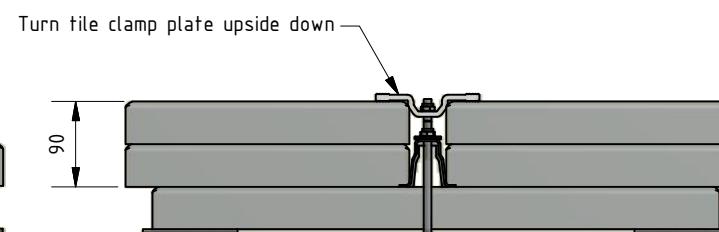
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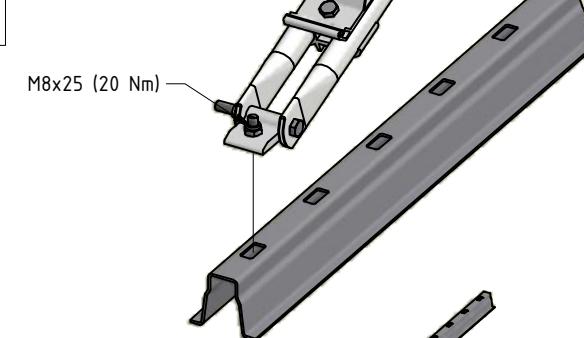
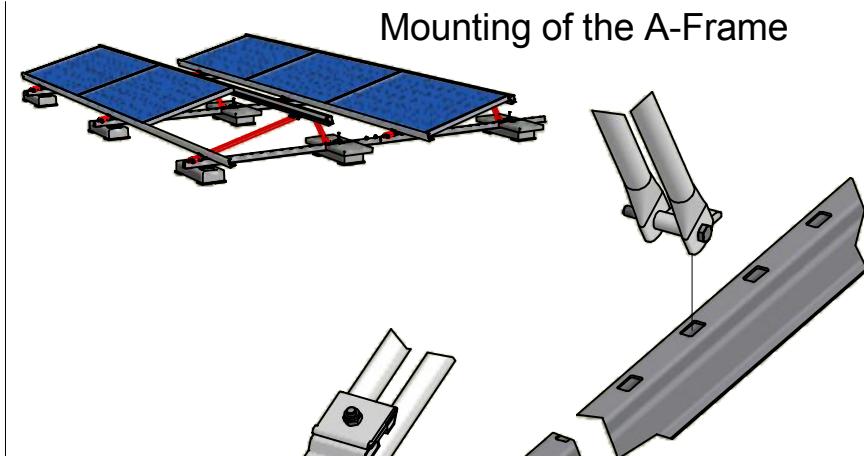
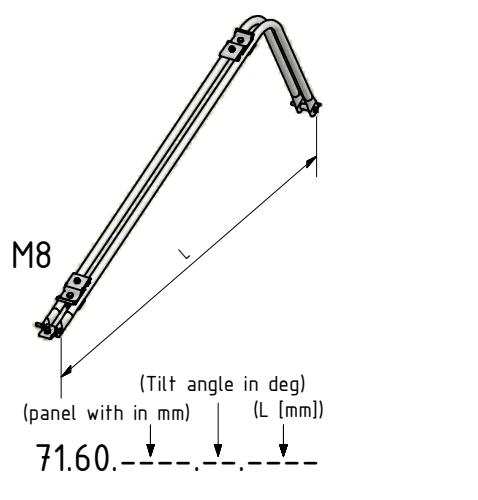
Mounting of the tile bracket

Type 3
Tile Bracket

2 extra tiles

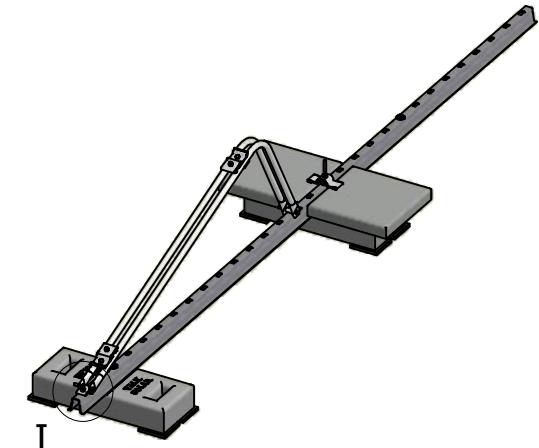
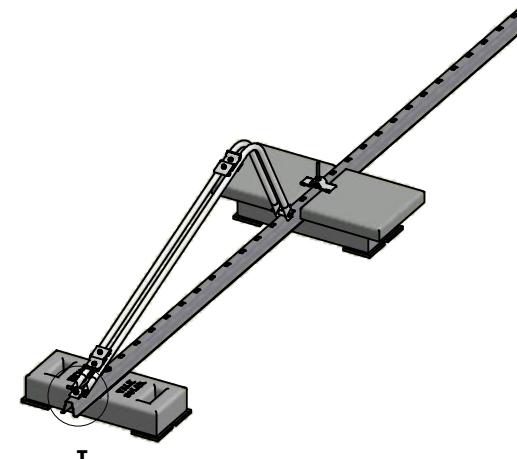
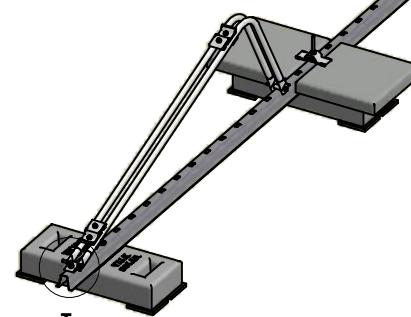
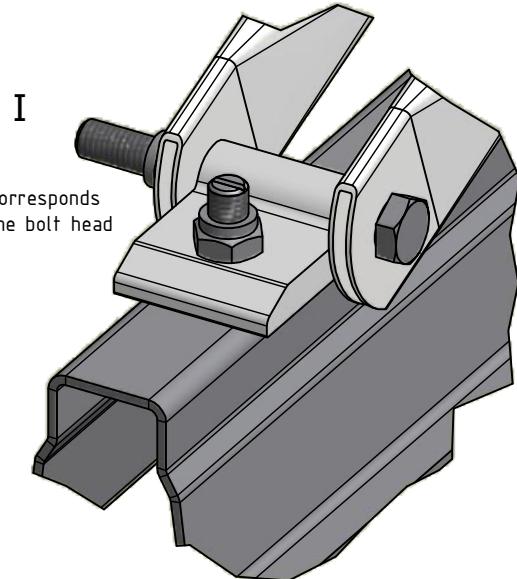


4 extra tiles



Detail I

The groove of the bolt corresponds with the orientation of the bolt head

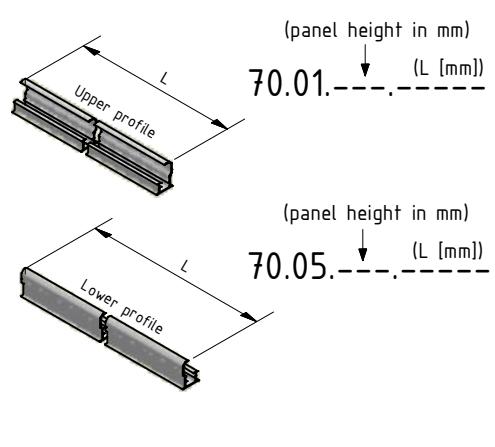


VAN DER VALK



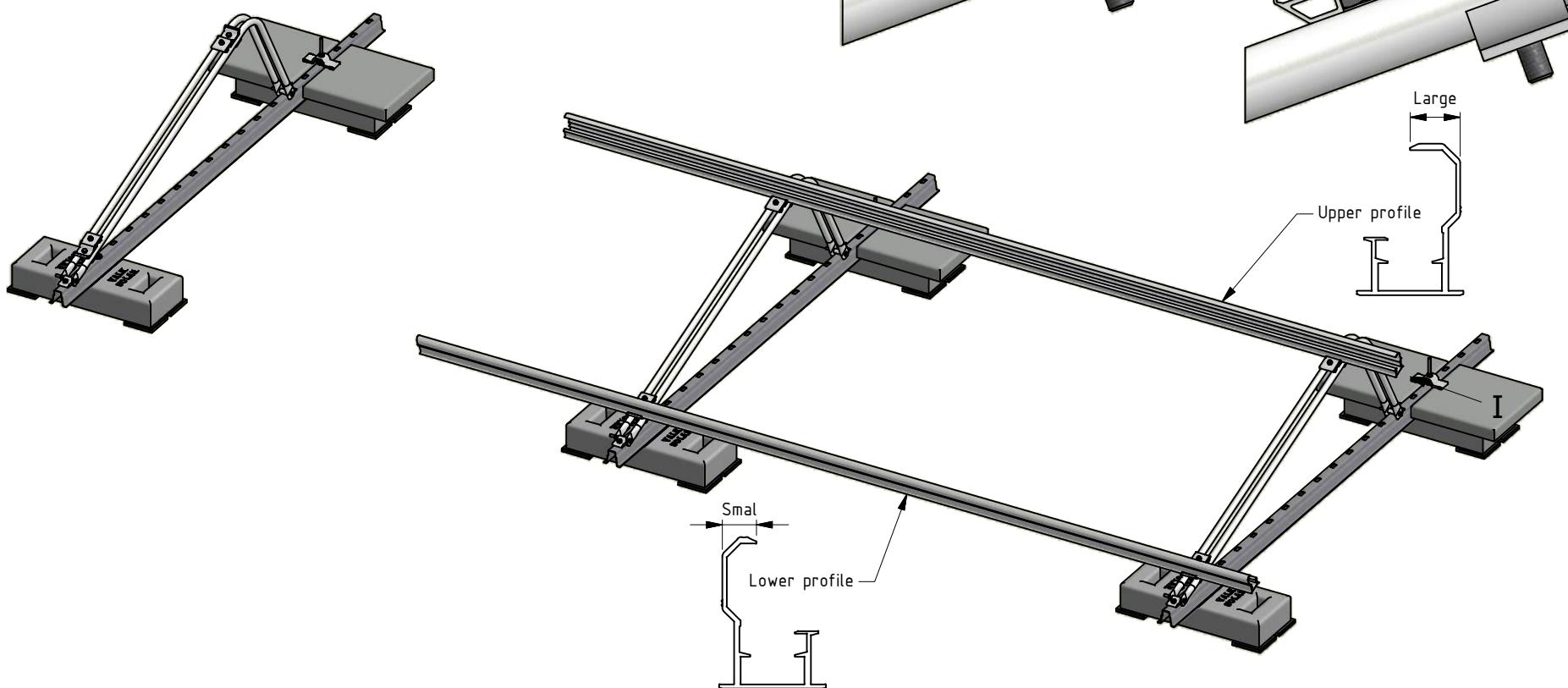
SOLAR SYSTEMS

Flat Roof Insert



Mounting of the Insert profile

Detail I



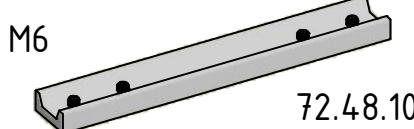
Coupling of the Insert profile

VAN DER VALK



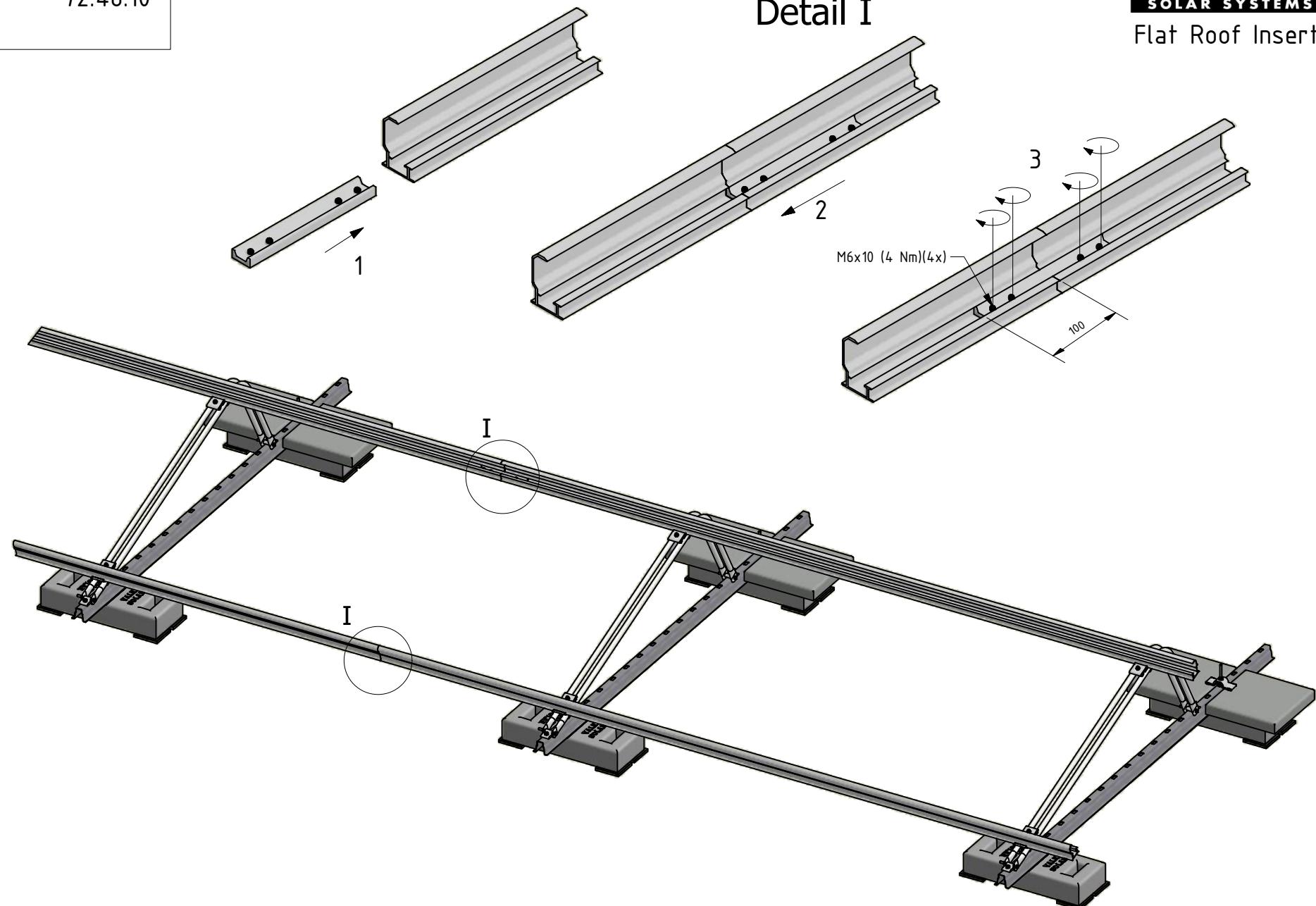
SOLAR SYSTEMS

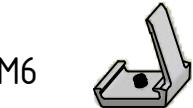
Flat Roof Insert



72.48.10

Detail I





M6

72.48.20



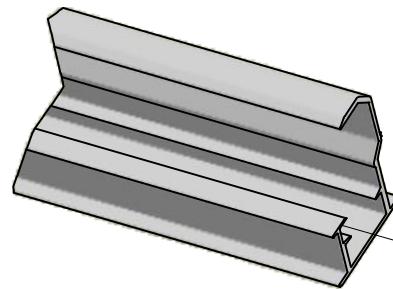
Mounting of the End piece

VAN DER VALK

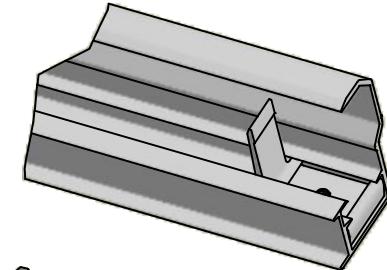
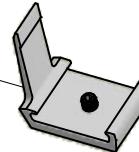


SOLAR SYSTEMS

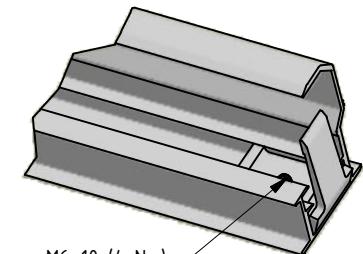
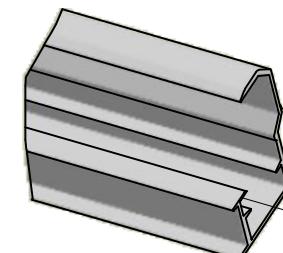
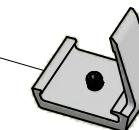
Flat Roof Insert



option I

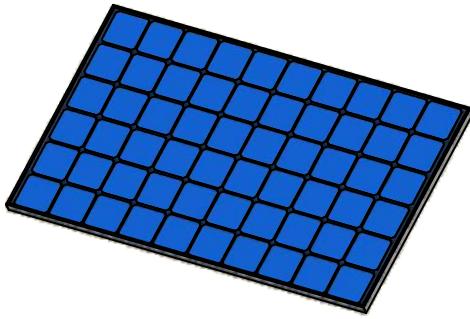


option II



M6x10 (4 Nm)





Mounting of the solar panels

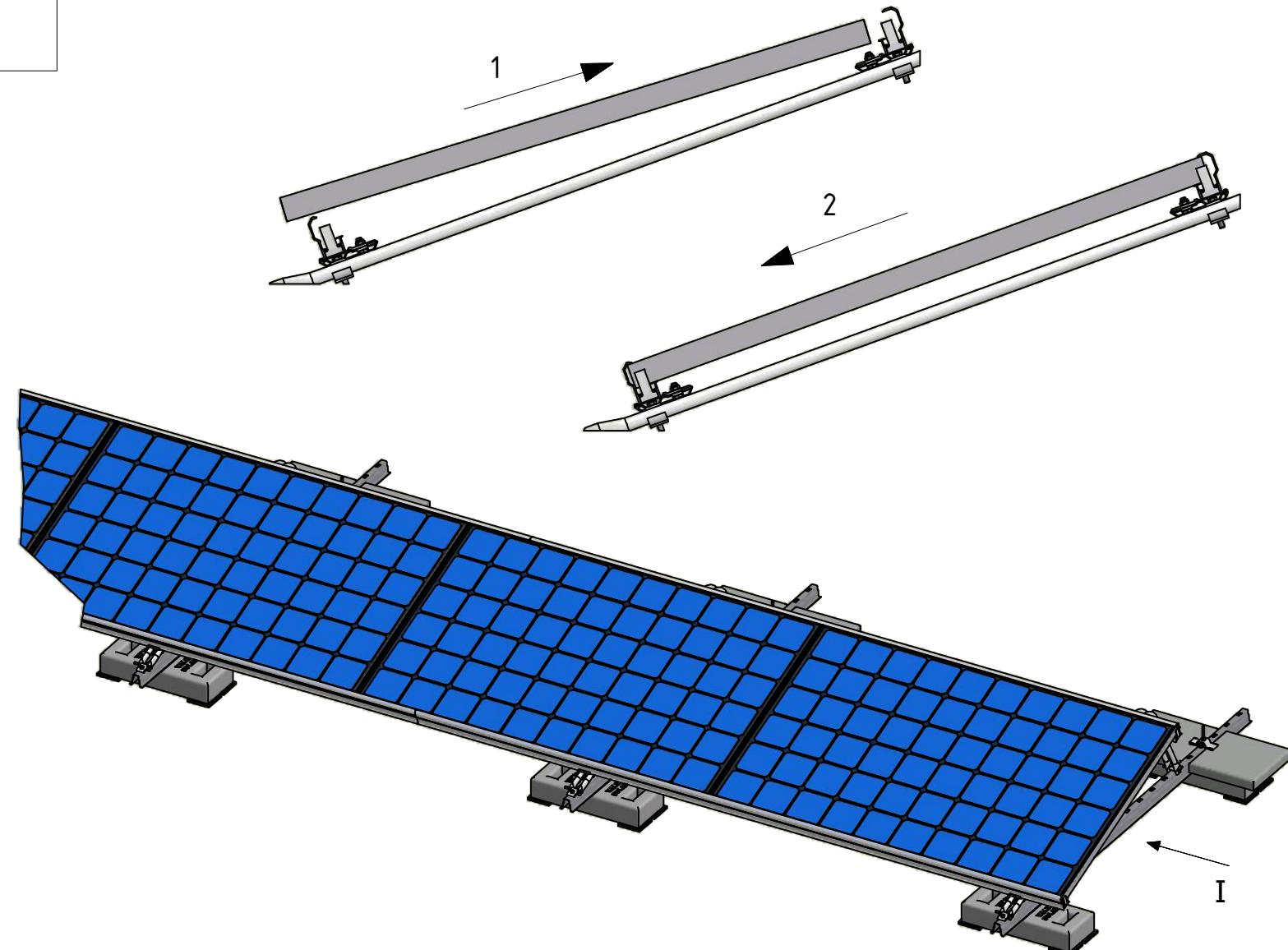
VAN DER VALK



SOLAR SYSTEMS

Flat Roof Insert

Detail I
(mounting the solar panels)



Van der Valk Solar Systems

Van der Valk Solar Systems is a specialist company that is fully focused on developing and producing mounting systems for use with solar panels. To this end we work in close collaboration with Van der Valk Systemen, our sister company.

Van der Valk Systemen has been a well-known name in the field of moving systems and stationary components for the greenhouse horticultural sector and industry throughout the world since 1963. Van der Valk Systemen's high quality products have been individually developed from a scientific approach and produced with mathematical precision. They are made to be low-maintenance and to stand out thanks to their durability, reliability, functionality and ease of assembly.

Both Van der Valk Systemen and Van der Valk Solar Systems only introduce innovative products to the market. Our shared business complex consists of 20,000 m² of offices and production facilities, in which modern machinery and the latest technologies facilitate development, manufacturing and testing that is fast, flexible and precise.

We develop and produce solar mounting systems for:



Open fields Pitched roofs Flat roofs Greenhouses Water features



PLEASE CONTACT VAN DER VALK SOLAR SYSTEMS, YOUR INSTALLATION COMPANY OR PROJECT ORGANISATION FOR FULL INFORMATION.